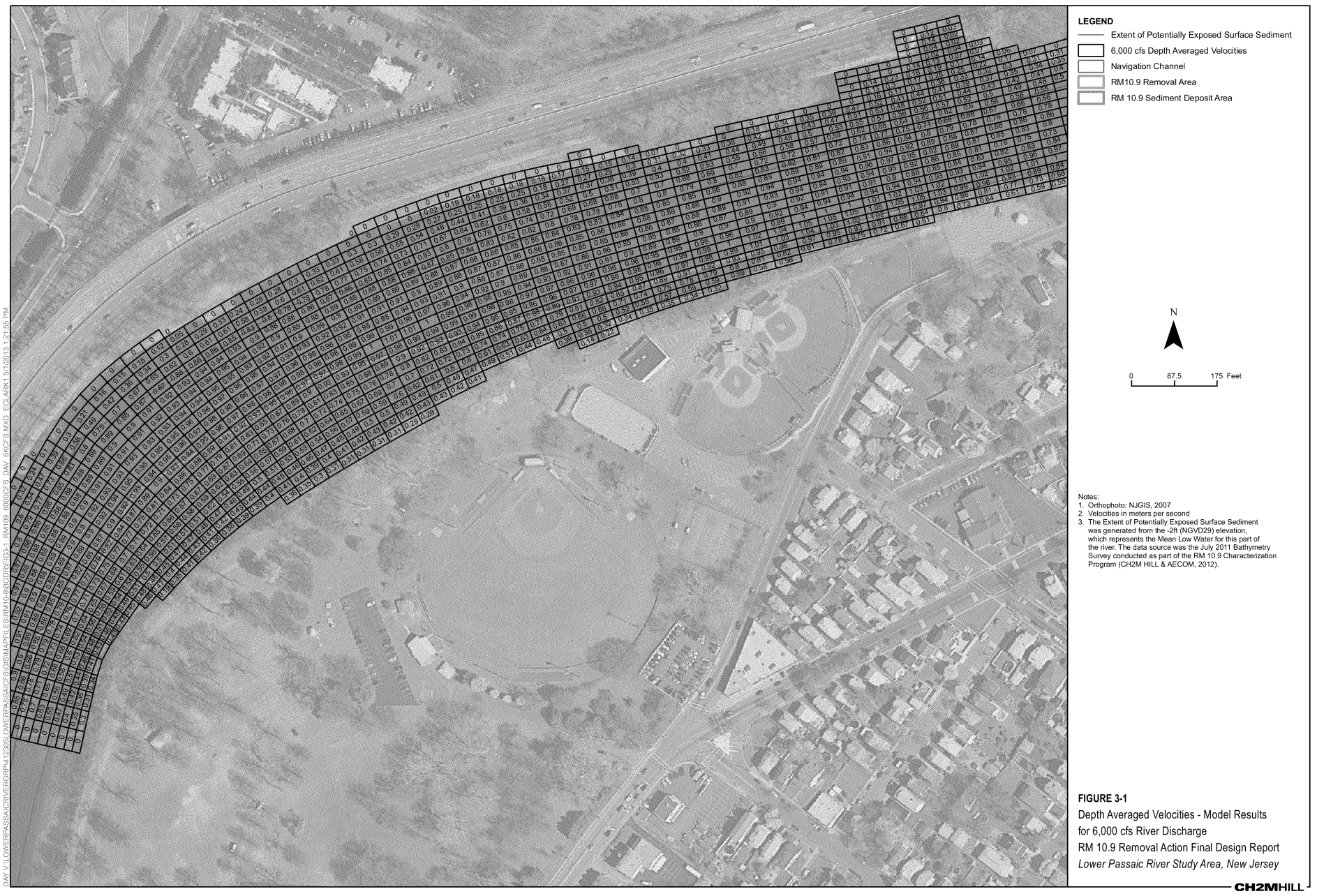
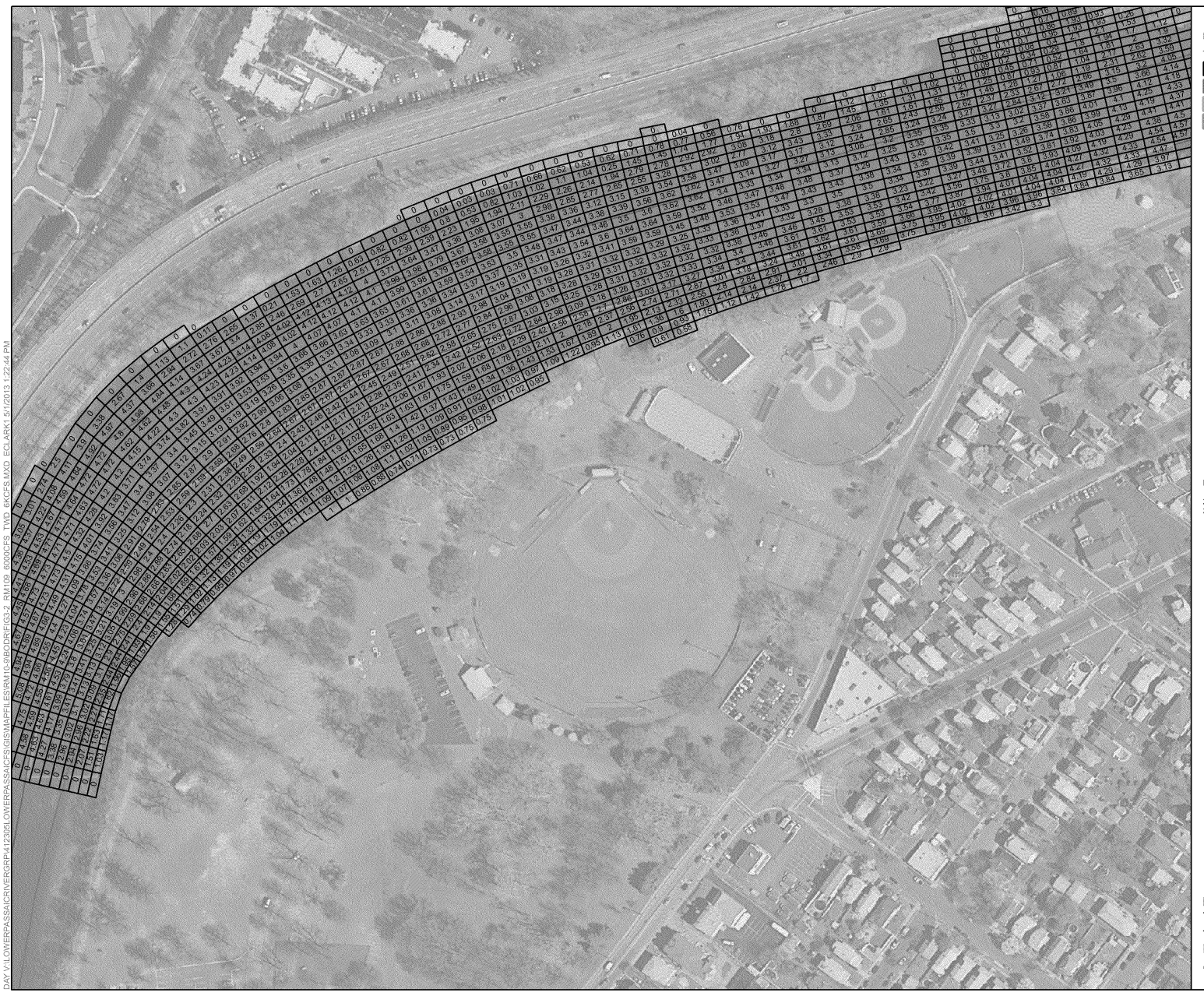


FIGURE 3-1
Depth Averaged Velocities - Model Results
for 6,000 cfs River Discharge
RM 10.9 Removal Action Final Design Report
Lower Passaic River Study Area, New Jersey

CH2MHILL



Notes:
1. Orthophoto: NJGIS, 2007
2. Depth in meters
3. The Extent of Potentially Exposed Surface Sediment was generated from the -2ft (NGVD29) elevation, which represents the Mean Low Water for this part of the river. The data source was the July 2011 Bathymetry Survey conducted as part of the RM 10.9 Characterization Program (CH2M HILL & AECOM, 2012).

FIGURE 3-2
Total Water Depth - Model Results
for 6,000 cfs River Discharge
RM 10.9 Removal Action Final Design Report
Lower Passaic River Study Area, New Jersey

CH2MHILL

DAY V:\LOWERPASSAIC\RIVERGRP\412305\LOWERPASSAIC\ES\GIS\MAPFILES\RM10-9\BOD\REG3-2_RM109_6000CFS_TWD_6KCFS.MXD ECLARK1 5/1/2013 1:22:44 PM

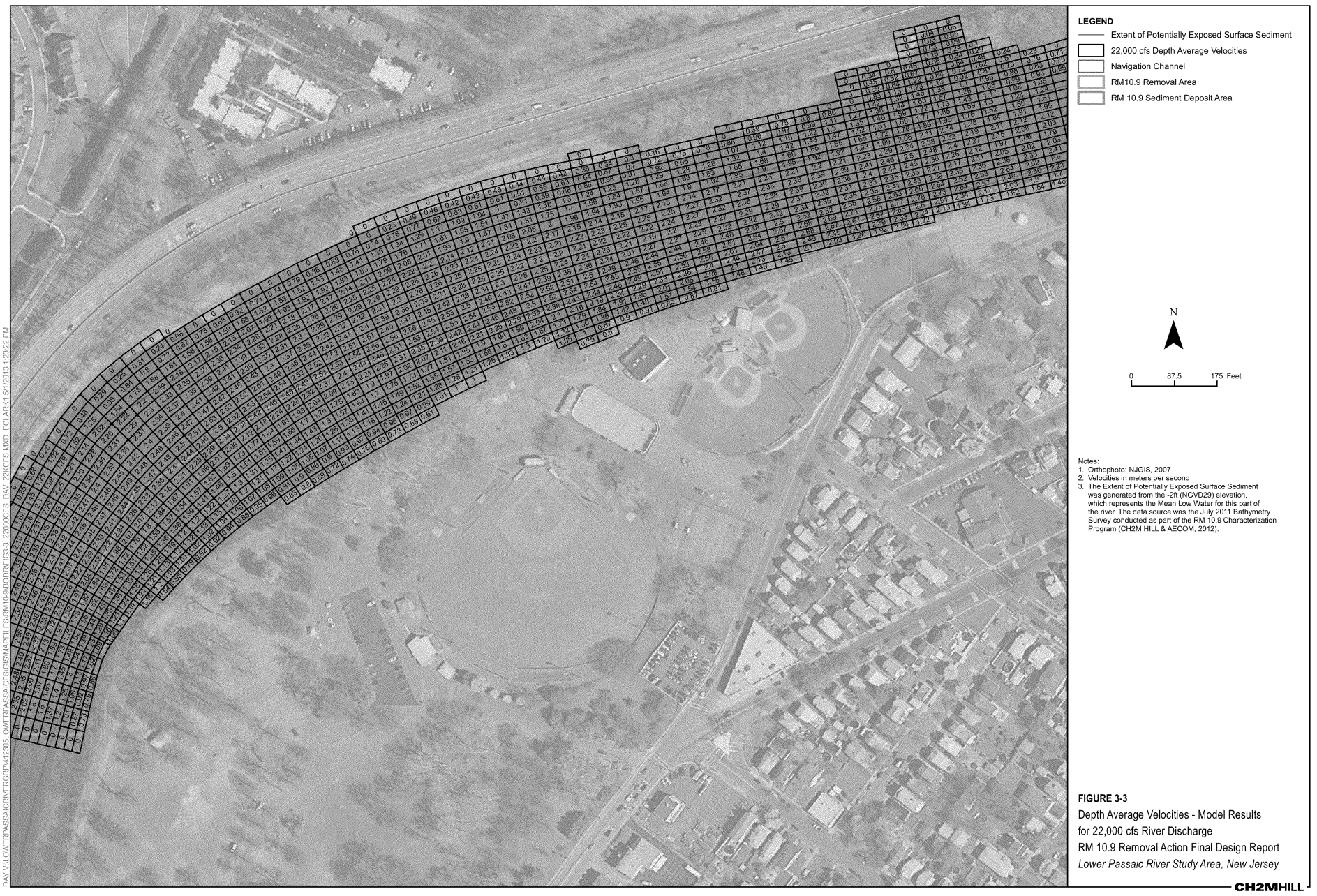
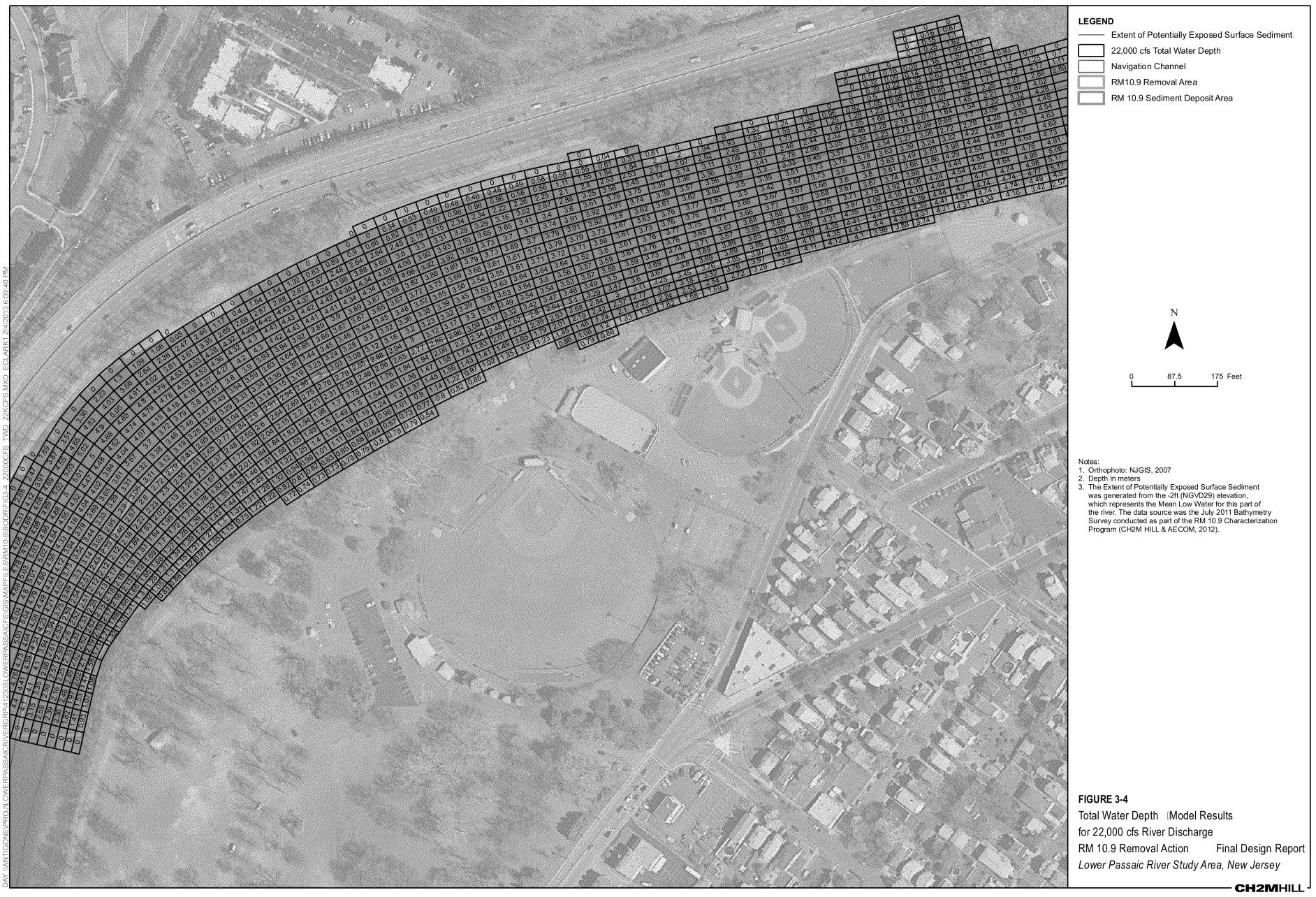
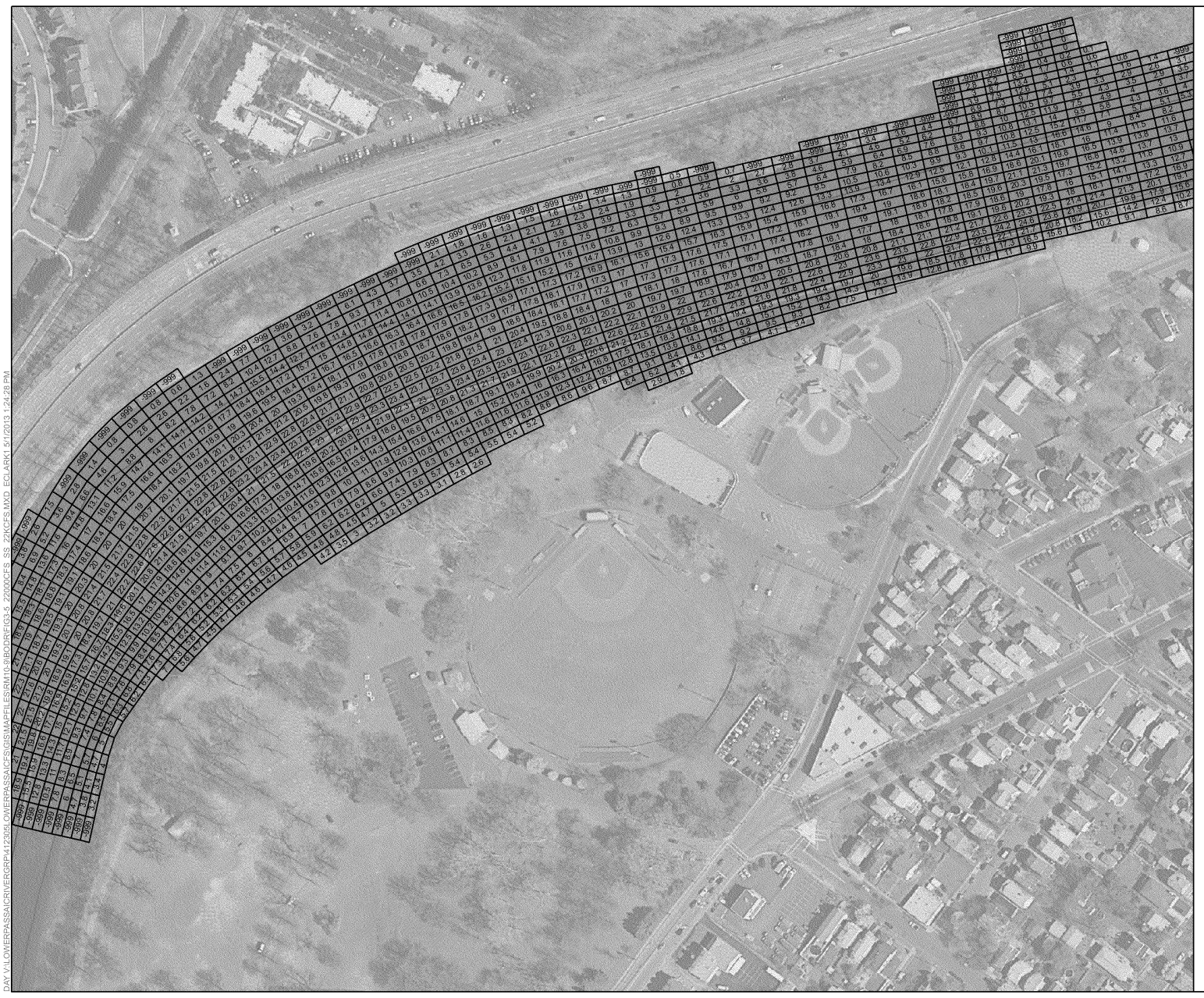


FIGURE 3-3
Depth Average Velocities - Model Results
for 22,000 cfs River Discharge
RM 10.9 Removal Action Final Design Report
Lower Passaic River Study Area, New Jersey

CH2MHILL





Notes:
1. Pa Pascal
2. Orthophoto: NJGIS, 2007
3. The Extent of Potentially Exposed Surface Sediment was generated from the -2ft (NGVD29) elevation, which represents the Mean Low Water for this part of the river. The data source was the July 2011 Bathymetry Survey conducted as part of the RM 10.9 Characterization Program (CH2M HILL & AECOM, 2012).

FIGURE 3-5
Shear Stress - Model Results
for 22,000 cfs River Discharge
RM 10.9 Removal Action Final Design Report
Lower Passaic River Study Area, New Jersey

CH2MHILL

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LEGEND

- Extent of Potentially Exposed Surface Sediment
- 32,000 cfs Shear Stress
- Navigation Channel
- RM 10.9 Removal Area
- RM 10.9 Sediment Deposit Area

Notes:
1. Pa Pascal
2. Orthophoto: NJGIS, 2007
3. The Extent of Potentially Exposed Surface Sediment was generated from the -2 ft (NGVD29) elevation, which represents the Mean Low Water for this part of the river. The data source was the July 2011 Bathymetry Survey conducted as part of the RM 10.9 Characterization Program (CH2M HILL & AECOM, 2012).

FIGURE 3-6
Shear Stress - Model Results
for 32,000 cfs River Discharge
RM 10.9 Removal Action Final Design Report
Lower Passaic River Study Area, New Jersey

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